

Application No.: 09625049

NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):

- ☐ 1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to these regulations, published at 1114 OG 29, May 15, 1990 and at 55 FR 18230, May 1, 1990.
- ☐ 2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
- ☒ 3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
- ☐ 4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked-up "Raw Sequence Listing."
- ☐ 5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
- ☐ 6. The paper copy of the "Sequence Listing" is not the same as the computer readable form of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
- ☐ 7. Other: _____

Applicant Must Provide:

- ☒ An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
- ☐ An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry into the specification.
- ☒ A statement that the content of the paper and computer readable copies are the same and, where applicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 1.825(d).

For questions regarding compliance to these requirements, please contact:

For Rules Interpretation, call (703) 308-4216

For CRF Submission Help, call (703) 308-4212

For PatentIn software help, call (703) 308-6856

PLEASE RETURN A COPY OF THIS NOTICE WITH YOUR RESPONSE

Serial Number:

0916250-79

☐

DISK TO STIC

☐

REQUEST TO STIC

- A. 1 ☐ N/A ☒ YES ☐ NO Sequence in Case
- a. ☒ ☐ Paper Copy of Sequence Present
- b. ☐ ☒ Statement that Disk and Paper Copy are the Same
- 2 ☐ ☐ ☒ 2964 CRF Entered
- 3 ☐ ☐ ☒ Sequence Complies with Sequence Rules (If No see Attached Letter)
- 4 ☒ ☐ ☐ CRF entered in parent
- 5 ☐ ☐ ☒ Figures seen by draftsman
- 6 ☐ ☒ ☐ Abstract
- 7 ☐ ☒ ☐ Oath/Declaration in file
- 8 ☐ ☒ ☐ Oath/Declaration signed by all applicants
- 9 ☐ ☒ ☐ Oath/Declaration includes all residences
- 10 ☐ ☒ ☐ Oath/Declaration includes Foreign continuity Data
- 11 ☒ ☐ ☐ Oath/Declaration includes US continuity Data
- 12 ☐ ☐ ☒ Corrected Filing Receipt Requested
- B. Examiner: Please check to determine if the following are required:
- 1 ☐ ☒ ☐ Restriction Requirement
- 2 ☐ ☒ ☐ Sequences in claims not in compliance with sequence rules and may be required to search case

If any of part B above are necessary, please act on and complete within 15 days.



Reviewers Name

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/625,049

DATE: 03/16/2001
TIME: 15:28:29

Input Set : A:\DECLE18SEQ.TXT
Output Set: N:\CRF3\03162001\I625049.raw

ENTERED

4 <110> APPLICANT: Schoonjans, Reinhilde
5 Mertens, Nico
6 Fiers, Walter
7 Contreras, Roland
10 <120> TITLE OF INVENTION: MULTIPURPOSE ANTIBODY DERIVATIVES
13 <130> FILE REFERENCE: DECLE18.001C1
15 <140> CURRENT APPLICATION NUMBER: 09/625,049
16 <141> CURRENT FILING DATE: 2000-07-24
18 <150> PRIOR APPLICATION NUMBER: PCT/EP99/00477
19 <151> PRIOR FILING DATE: 1999-01-25
21 <150> PRIOR APPLICATION NUMBER: EP 98200193.5
22 <151> PRIOR FILING DATE: 1998-01-23
24 <160> NUMBER OF SEQ ID NOS: 47
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 26
30 <212> TYPE: DNA
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: Polynucleotide linker.
36 <400> SEQUENCE: 1 26
37 ccgtctcctc agagctccaa aaaccc
39 <210> SEQ ID NO: 2
40 <211> LENGTH: 20
41 <212> TYPE: DNA
42 <213> ORGANISM: Artificial Sequence
44 <220> FEATURE:
45 <223> OTHER INFORMATION: CH1 domain forward primer.
47 <400> SEQUENCE: 2 20
48 cactgccgag ctcccaaac
50 <210> SEQ ID NO: 3
51 <211> LENGTH: 21
52 <212> TYPE: DNA
53 <213> ORGANISM: Artificial Sequence
55 <220> FEATURE:
56 <223> OTHER INFORMATION: CH1 domain reverse primer.
58 <400> SEQUENCE: 3 21
59 tcatgtcgcg gccgcgtct a
61 <210> SEQ ID NO: 4
62 <211> LENGTH: 14
63 <212> TYPE: PRT
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Amino acid linker 1.
69 <400> SEQUENCE: 4
70 Val Asn His Lys Pro Ser Asn Thr Lys Val Asp Lys Arg Val
71 1 5 10

RECEIVED

MAR 23 2001

TECH CENTER 1600/2900

3/16/01

RAW SEQUENCE LISTING DATE: 03/16/2001
 PATENT APPLICATION: US/09/625,049 TIME: 15:28:29

Input Set : A:\DECL18SEQ.TXT
 Output Set: N:\CRF3\03162001\I625049.raw

```

74 <210> SEQ ID NO: 5
75 <211> LENGTH: 28
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: 2 C11scFv forward primer.
82 <400> SEQUENCE: 5
83 ggcccatgga ggtcaagctg gtggagtc                28
85 <210> SEQ ID NO: 6
86 <211> LENGTH: 43
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial Sequence
90 <220> FEATURE:
91 <223> OTHER INFORMATION: 2 C11scFv reverse primer.
93 <400> SEQUENCE: 6
94 ataggatcct tatccggacc ttttatttcc agcttggtgc cag    43
96 <210> SEQ ID NO: 7
97 <211> LENGTH: 21
98 <212> TYPE: DNA
99 <213> ORGANISM: Artificial Sequence
101 <220> FEATURE:
102 <223> OTHER INFORMATION: Fd fragment forward primer.
104 <400> SEQUENCE: 7
105 gctgaaaggg cccggtggag g                21
107 <210> SEQ ID NO: 8
108 <211> LENGTH: 29
109 <212> TYPE: DNA
110 <213> ORGANISM: Artificial Sequence
112 <220> FEATURE:
113 <223> OTHER INFORMATION: Fd fragment reverse primer.
115 <400> SEQUENCE: 8
116 ggtcccaggg cactggcctc actctagag          29
118 <210> SEQ ID NO: 9
119 <211> LENGTH: 21
120 <212> TYPE: DNA
121 <213> ORGANISM: Artificial Sequence
123 <220> FEATURE:
124 <223> OTHER INFORMATION: CL forward primer.
126 <400> SEQUENCE: 9
127 cagtgagcag ttaacatctg g                21
129 <210> SEQ ID NO: 10
130 <211> LENGTH: 23
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: CL reverse primer.
137 <400> SEQUENCE: 10
138 cctttggggc ccacactcat tcc              23
140 <210> SEQ ID NO: 11

```

RAW SEQUENCE LISTING DATE: 03/16/2001
 PATENT APPLICATION: US/09/625,049 TIME: 15:28:29

Input Set : A:\DECLE18SEQ.TXT
 Output Set: N:\CRF3\03162001\I625049.raw

```

141 <211> LENGTH: 21
142 <212> TYPE: DNA
143 <213> ORGANISM: Artificial Sequence
145 <220> FEATURE:
146 <223> OTHER INFORMATION: forward primer.
148 <400> SEQUENCE: 11
149 gctgaaaggg cccggtggag g                21
151 <210> SEQ ID NO: 12
152 <211> LENGTH: 30
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: reverse primer.
159 <400> SEQUENCE: 12
160 gtgccagggc actggttaag atctggatcc       30
162 <210> SEQ ID NO: 13
163 <211> LENGTH: 24
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: B1VH domain forward primer.
170 <400> SEQUENCE: 13
171 cctcacctcg agtgatcagc actg            24
173 <210> SEQ ID NO: 14
174 <211> LENGTH: 21
175 <212> TYPE: DNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: B1VH domain reverse primer.
181 <400> SEQUENCE: 14
182 ccacctgagg agacagtgc c                21
184 <210> SEQ ID NO: 15
185 <211> LENGTH: 26
186 <212> TYPE: DNA
187 <213> ORGANISM: Artificial Sequence
189 <220> FEATURE:
190 <223> OTHER INFORMATION: forward primer.
192 <400> SEQUENCE: 15
193 ctgcctcctc aggcaaaaca acaccc         26
195 <210> SEQ ID NO: 16
196 <211> LENGTH: 22
197 <212> TYPE: DNA
198 <213> ORGANISM: Artificial Sequence
200 <220> FEATURE:
201 <223> OTHER INFORMATION: reverse primer.
203 <400> SEQUENCE: 16
204 ggacccagtg catgccatag cc              22
206 <210> SEQ ID NO: 17
207 <211> LENGTH: 21

```

RAW SEQUENCE LISTING DATE: 03/16/2001
 PATENT APPLICATION: US/09/625,049 TIME: 15:28:29

Input Set : A:\DECL18SEQ.TXT
 Output Set: N:\CRF3\03162001\I625049.raw

```

208 <212> TYPE: DNA
209 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: VL(B1) sequence forward primer.
215 <400> SEQUENCE: 17
216 ggatgtgaca ttgtgatgac c                               21
218 <210> SEQ ID NO: 18
219 <211> LENGTH: 18
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: VL(B1) sequence reverse primer.
227 <400> SEQUENCE: 18
228 gatacctttga gctccagc                               18
230 <210> SEQ ID NO: 19
231 <211> LENGTH: 20
232 <212> TYPE: DNA
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: CL(E6) sequence forward primer.
240 <400> SEQUENCE: 19
241 gttggagctc aaacgggctg                               20
243 <210> SEQ ID NO: 20
244 <211> LENGTH: 26
245 <212> TYPE: DNA
246 <213> ORGANISM: Artificial Sequence
248 <220> FEATURE:
249 <223> OTHER INFORMATION: CL(E6) sequence reverse primer.
253 <400> SEQUENCE: 20
254 ggagctgggtg gtggcgtctc aggacc                       26
256 <210> SEQ ID NO: 21
257 <211> LENGTH: 36
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: E6L sequence forward primer.
266 <400> SEQUENCE: 21
267 ataccgctcg agacacagac atgagtgtgc ccactc            36
269 <210> SEQ ID NO: 22
270 <211> LENGTH: 51
271 <212> TYPE: DNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: E6L sequence reverse primer.
279 <400> SEQUENCE: 22
280 cgcggatcct tacccgggga cgtcacactc attcctgttg aagctcttga c  51
282 <210> SEQ ID NO: 23
283 <211> LENGTH: 31
284 <212> TYPE: DNA

```

RAW SEQUENCE LISTING DATE: 03/16/2001
 PATENT APPLICATION: US/09/625,049 TIME: 15:28:29

Input Set : A:\DECL18SEQ.TXT
 Output Set: N:\CRF3\03162001\I625049.raw

```

285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: BlscFv forward primer.
292 <400> SEQUENCE: 23
293 tcccccgggg aagtgaagct ggtggagtct g          31
295 <210> SEQ ID NO: 24
296 <211> LENGTH: 42
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: BlscFv reverse primer.
305 <400> SEQUENCE: 24
306 ataggatcct tatccggatt tcagctccag cttggtccca gc          42
308 <210> SEQ ID NO: 25
309 <211> LENGTH: 34
310 <212> TYPE: DNA
311 <213> ORGANISM: Artificial Sequence
313 <220> FEATURE:
314 <223> OTHER INFORMATION: E6scFv gene forward primer.
318 <400> SEQUENCE: 25
319 tcccccgggc aggttcagct gcagcagtct ggag          34
321 <210> SEQ ID NO: 26
322 <211> LENGTH: 41
323 <212> TYPE: DNA
324 <213> ORGANISM: Artificial Sequence
326 <220> FEATURE:
327 <223> OTHER INFORMATION: E6scFv gene reverse primer.
331 <400> SEQUENCE: 26
332 ataggatcct tatccggacc gttttatttc cagcttggtc c          41
334 <210> SEQ ID NO: 27
335 <211> LENGTH: 26
336 <212> TYPE: DNA
337 <213> ORGANISM: Artificial Sequence
339 <220> FEATURE:
340 <223> OTHER INFORMATION: Adaptor oligonucleotide.
344 <400> SEQUENCE: 27
345 cgacggtggt tctagaggtg atgggc          26
347 <210> SEQ ID NO: 28
348 <211> LENGTH: 34
349 <212> TYPE: DNA
350 <213> ORGANISM: Artificial Sequence
352 <220> FEATURE:
353 <223> OTHER INFORMATION: Adaptor oligonucleotide.
357 <400> SEQUENCE: 28
358 ccgggcccat cacctctaga accaccgtcg acgt          34
360 <210> SEQ ID NO: 29
361 <211> LENGTH: 39
362 <212> TYPE: DNA
363 <213> ORGANISM: Artificial Sequence

```

VERIFICATION SUMMARY

DATE: 03/16/2001

PATENT APPLICATION: US/09/625,049

TIME: 15:28:30

Input Set : A:\DECLEI8SEQ.TXT

Output Set: N:\CRF3\03162001\I625049.raw